ISSUE SLIP STAPLE AREA (for additional cross references)

POSITION	INITIALS	ID NO.	DATE					
FEE DETERMINATION	74		6/23/17					
O.I.P.E. CLASSIFIER	MAN	50	6-28-00					
FORMALITY REVIEW			0-20-00					
RESPONSE FORMALITY REVIEW								
	59573		50-00					

INDEX OF CLAIMS

~	Rejected	N Non-elected	1
	Allowed	I Interference	2
_	(Through numeral) Canceled	AAppeal	
÷	Restricted	O Objected	

							•	•••••		•••••			NES		, leu				U	•••		••••	••••	•••••	•••••	U	njec	let	J				•		
C	laim	Oate 5 9 3 // 6 5 9 9 0 0 0 0 0 0 0 0								Date Claim Date									Claim								Date								
ł	1 8	13		1			/		Τ			Г	2		Τ	Г	T	Г	Τ	Ī	Т	Τ	Т	1	Γ	-B		_	Γ	Γ	Т	Γ	Π	Т	T
1	Original	9	10	3	20	4/2	4	.				Final	Original							l					Final	Original			l		1	ĺ			ı
۳.	ř	101	7	7	3	#	#	╁	╁	╁	H	-	51	┝	╁┈	╀	╁	┿	╀	╁	+-	╁	╁	-	۳	101	-		┝	╀	╀	├-	⊢	╀	\downarrow
<u> </u>	1	2	1			, ,	+	+	+	\dagger	H	-	52	╁╴	十	†-	╁	╁	┿	╁	╁	╁	╁	+	\vdash	102	┥		⊢	┝	╀	⊢	⊢	╀╌	+
	1:	3/1				Ш	Ť	+	╁	T	H		53	T	┢	T	╁	t	+	†	╈	+	+-	1	\vdash	103	+		┝	╁	╁╾	⊢	╁	╁╴	╁
	1				m I		T	I		I			54	Г	1	1	1-	T	1-	+-	t	╁	†	1	十	104	7	-	╁	┢	\vdash	┢╾	├	╆	+
\perp	1/5		Щ	Щ	Щ	Ш	\perp		\perp	\perp			55					Γ]		105			\vdash	\vdash	П		1-	┢	t
-	6 7		Ш	-11	-11	#	\bot	4-	╀	╀	Ш	<u> </u>	56	L	L	L	↓_	L.	ļ_		L	L	L]		106			匚						Ι
-	1		Ш	╫	₩	₩	¥	+-	+	╀			57 58	L	┡	╀	╄	┝	├-	┞	↓_	╄	Ļ	-	\vdash	107	_	_	L	L	L	L		L	I
-	9	-	₩	╫	╢	╫	╁	╁	╁	╁	H	-	59	⊢	┝	╀	├	┝	┼	╁	╀	╀	╀	4	\vdash	108		_	├-	⊢	├ ─	<u> </u>	⊢	╄	╀
	10	-	***	#	Ħ	╫	+	+	+-	╁	H	\vdash	60	\vdash	-	┝	┼-	┢	╁	⊢	╁	╁	╁	-	\vdash	110	+	4	╢	⊢	-	┝	├	╁	╀
	11	ı	П	11	11	#	1	+	\top	1	H		61	┢	╁	<u> </u>	T	┢	1-	1	t	+-	╁	1	-	111	+		+	┝	-	-	├	╁	╁
	12		\prod	II	\coprod	\prod	Ι	I	Ι	Ľ			62			•			1	Τ	†	\top	1	1	\vdash	112	7	\dashv	\vdash	Н	t─	 	-	\vdash	t
	13	++	\prod	4	Д	Щ	I	\perp	\Box				63				L	L					L]		113					П			\vdash	t
\vdash	14		11	#	41	#	4	+	1	L	Щ	\perp	64				L	Ĺ	\Box	匚	\Box		Ľ	1		114	\Box								Ι
-	15 16		₩	₩	#	₩	+	+	\vdash	┼-	Н	<u> </u>	65	<u> </u>	<u> </u>	-	L	 _	↓_	<u> </u>	ـ	L	L	1	L	115	\downarrow	\Box		Ĺ	П			Ľ	I
-	(17	₩	₩	╫	H	₩	+	+	╁	-		-	66 67		-	⊢	-	-	⊬	-	⊢	┞-	-	┨.	-	116	4	4	Щ	L	Н	Ш	<u> </u>	L	Ŧ
\vdash	18	Ħ	Η	╫	H	H	+	╁╌	╁	╁	Н	\vdash	68	-	H	-	├	⊢	┝	\vdash	├-	┝	\vdash	-	 	117 118	\dashv	\dashv	-	-	\vdash	<u> </u>	H	├_	Ļ
	19	Ħ	Ħ	#	††	₩	╁	+	╆	+-	H	\vdash	69		-	-	┢	-	┢	┝	┢╌	╁	┝	1	\vdash	119	+	ᅱ	Н	H	Н		H	├	╁
	20	XI.	N	4	Ħ	#	†-	\top	1-	┢	Н	<u> </u>	70		-	┢	-	\vdash	┪	\vdash	┢	┢	┢	1	-	120	\dashv	┪	H		Н		⊢	⊢	╁
	21	ΣĽ.	1	칻	7	Iv	扌	╁	╁╌	-	H	-	71	\vdash	-	\vdash	-	-	-	H	-	┢	┝	1	\vdash	121	+	+	Н	H	\vdash		H	├─	╁
	22			T		V		_	1	1	П		72			_	┢		_	T	-	t	┢	1		122	7	┪	H			\vdash	\vdash	╁	*
\bot	23	_	Г	L		V	I						73											1	\vdash	123	1	7	П	П			М	\vdash	t
<u> </u>	24	_	↓_	╄	L	L	Ŀ	╀	L	L	Ш		74]		124									T
\vdash	25	L	╄	╀	╀	↓_	╀	╀-	↓_	_	_	-	75	_	Щ		L		L	L	L	L	L			125	\Box	\Box							Γ
\vdash	26 27	⊢	╀	╄	┼-	╀	╀	+-	⊢	-	H	-	76 77	-	Н		H	_	_	<u> </u>	_	ļ.,			\vdash	126	4	4	Ц	Ш	Ш			L	L
\vdash	28	H	╁	┢	╀╴	╁╴	╁	╁╴	├	-	\vdash	H	78		\dashv	-	Н	_	\vdash	<u> </u>	┡	-	-	ł	\vdash	127 128	4	4	4	Н	$\vdash \vdash$		<u> </u>	ļ	Ł
	29	┢	╁	╁	┢	╁╴	┢	┿	-		\vdash		79	-		_	Н	_	-		-		-	┨		129	+	+	\dashv	-		4	\dashv	<u> </u>	╀
	30			†		\vdash	1-	\vdash	⇈	Н	\vdash	\vdash	80				_		Н		-	-	H	1		130	╅	+	\dashv	\dashv	\vdash	\dashv	\dashv	\vdash	┝
	31			Г			Τ	1	Г			П	81								Г	П	-	1	_	131	+	十	ᅱ	\dashv	\dashv	┪	\dashv	\vdash	┝
	32		Ĺ	L			L			\Box			82											ĺ		132	┪	7	ヿ	ヿ	\dashv	7	\neg	П	r
\vdash	33	L	L	╙	L	L	L	_	L	Ш	_		83	4												133	T	I	\Box				\Box		Γ
1	34 35	-	┡	-	┝	Ļ	⊢	-	<u> </u>	Ц			84		4	_	_	4	Ц	_		Ц	L			134		1		\Box	\Box	\Box	\Box		
Н	36	<u> </u>	-	⊢	⊢	├	-	+	\vdash	Н	-		85 86	-				\dashv	_	4	_	-	<u> </u>			135	+	4	4	_	4	_	_	4	L
H	37	-	\vdash	+	\vdash	+-	+	\vdash	\vdash	\vdash	-	\vdash	87	+	\dashv	\dashv	\dashv	-	\dashv	\dashv	_	Н	_	1	_	136	+	+	\dashv	4	\dashv	\dashv	\dashv	-	\vdash
Н	38		1	\vdash		\vdash	\vdash	†-	П	\vdash	\dashv		88	-	7	\dashv	\dashv	-	-		_	Н	_	l	_	38	+	+	┥	\dashv	\dashv	+	+	-	-
	39						Γ			_†	ゴ		89	_†		_†	╛	\dashv			_	H			-	39	+	+	\dashv	\dashv	\dashv	\dashv	+	\dashv	_
	40						Γ						90	╛	_]	_		_		\exists					_	40	+	+	ヿ	7	\dashv	寸	\dashv	┪	
	41			Ĺ									91	I											_	141	Ť	十	7	7	\top	\dashv	7	┪	
	42	_	L	1	Ľ		Г			П			92	Ţ	\Box	_]	\Box				_		_			142		士	寸	寸	寸	+	ナ		_
H	43	-	1	 	L	<u> </u>	-	\vdash	_	Ц	4		93	4	4	4	_	_	_		\Box					43	I	I	\Box	\Box	I	I	\Box	\Box	_
\vdash	44 45	_	۴	-	 	\vdash	├-		Н	4	_		94 95	4	4	4	-	4	_	4		Ц	_		_	44	1	\perp	\bot	\Box	\bot	\Box	\Box	\Box	_
_	46	_	\vdash	\vdash	\vdash	-	\vdash	-	Н		\dashv		96	-	-	-	-	-	\dashv	-		4	-		_	45	+	4	4	4	4	4	4	_[_
	47		-	-	-	\vdash	 -	-	Н	\dashv	\dashv		97	\dashv	+	\dashv	\dashv		+	ᆉ	\dashv	\dashv			_	46	+	+	+	+	4	+	+	4	
	48		\vdash		-	 -	\vdash	\vdash	Н	+	\dashv		98	\dashv	┪	+	+	-}	+	┪	\dashv	-	-		_	48	+	+	+	\dashv	+	+	\dashv	4	_
	49									\exists	\exists		99		_	7	\dashv	\dashv	7	7	\dashv	7	ᅱ		\rightarrow	49	+	+	+	\dashv	+	+	+	+	
	50			Ц				\Box					00			\Box				\exists		Ì		1		50	T	t	+	+	十	+	+	\dashv	_
																	-											_			_				_

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)



This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked.	
BLACK BORDERS	
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES	
☐ FADED TEXT OR DRAWING	
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING	
☐ SKEWED/SLANTED IMAGES	
COLOR OR BLACK AND WHITE PHOTOGRAPHS	
GRAY SCALE DOCUMENTS	
☐ LINES OR MARKS ON ORIGINAL DOCUMENT	
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY	

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.